

CURRICULUM VITAE

JOHN POWELL WHITE

P.E., IAAI-CFI®, MS

Mr. White is a licensed Fire Protection Engineer in a number of jurisdictions of the Western United States. He is a Certified Fire Investigator through the International Association of Arson Investigators and has an educational background in chemical, mechanical, and fire protection engineering.

Mr. White conducts forensic investigations for fire origin and cause, fire spread, and fire protection system failures. He consults with architectural and construction firms on a variety of fire protection projects including steel multi-residential modular construction, wildland-urban interface building design, and hazardous material operations.

Mr. White is a Principal of the NFPA 130 committee for design of passenger rail vehicles and station, and a voting member of the ASTM E5 committee for development of fire test standards.

Professional Experience

- **Managing Engineer and Partner**, Fire Cause Analysis, Berkeley, CA 2011 - present
 - Fire and thermal engineering analysis
 - Fire investigations
 - Field testing and evaluations
 - Construction and product defect litigation support
 - CFD modeling, analysis of heat transfer, fire, and smoke dynamics
 - Product design testing and failure analysis
 - Signed and stamped reporting
 - Responsible for case management and review
 - Day-to-day and long-term business development

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- **Associate Engineer**, Fire Cause Analysis, Berkeley, CA 2008 - 2011
 - Responsible for field measurements and data collection
 - Planning and implementing numerous field tests including live burns, water leak analysis, and mechanical failure.
 - Signed reporting under supervision of PE
 - Analysis and reporting on passive and active Fire Protection Systems
 - Failure analysis of appliances and mechanical systems
 - Computer and CFD modeling of heat transfer and fire/smoke dynamics
- **Technical Services Coordinator**, Fire Cause Analysis, Berkeley, CA 2007 - 2011
 - Supervised junior technical staff and evidence technicians
 - Responsible for hiring, termination, and compensation adjustment
 - Implementation of evidence storage and transfer protocols
 - Large project supervision and coordination
- **Research Associate**, Fire Cause Analysis, Berkeley, CA 2004 - 2008
 - Providing technical support
 - Performing code research work and code analysis
 - Setting up and performing live burn tests
 - Designing and engineering large-scale paper treatment device
 - Quality control evaluation and testing of products

Education

- **Fire Protection Engineering**, Master of Science
Worcester Polytechnic Institute, Worcester MA May 2010
- **Chemistry, Bachelor of Science**,
University of California, Berkeley CA December 2004
- **High School Diploma**, Santa Rosa High School, Santa Rosa, CA May 2001

Professional Designations and Certifications

- **Certified Fire Investigator** # 22-012161 2013
International Association of Arson Investigators
Professional Board Certified

Professional Licenses

- **Registered Professional Engineer, Fire Protection**
 - Arizona license # 63050
 - California license # 1753
 - Idaho license # 17154
 - Nevada license # 022793
 - Oregon license # 91789 PE
 - Texas license # 125467
 - Washington license # 54104

- State of California Private Investigator License # PI11582

Professional Associations

- ASTM Technical Committee E05 on Fire Standards
Member
- Northern California/Nevada Chapter of the Society of Fire Protection Engineers
Member 2011 – Present
- National Fire Protection Association, Number 2684161
Member
 - Research Division 2009 – Present
 - Architects, Engineers, and Building Officials Division 2014 – Present
 - Building Fire Safety Systems Division 2014 – Present
 - Industrial Fire Protection Division 2014 – Present
- NFPA 130 - Standard for Fixed Guideway Transit and Passenger Rail Systems
Principal committee member
- NFPA 400 (2016) Hazardous Materials Code
Task group participant between first and second draft ballots
- National Society of Professional Engineers
Member 2008 – Present
- Society of Fire Protection Engineers (SFPE)
Member 2005 – Present

Teaching Experience

- Claims Conference of Northern California (CCNC) - *"Fire Investigation and Analysis in an Evolving Solar Power Industry"* - Palisades Lake Tahoe Aug 2023
- Property & Liability Resource Bureau (PRLB) Western Regional Adjusters Conference - *"Fire Investigation and Analysis in an Evolving Solar Power Industry"* - June 2023
- Geico - *"Vehicle Fire Investigations - Don't Get Burned!"* - Poway, CA May 2023
- Geico - *"Arson Investigation in the 21st Century - Tactics, Tools & Tech"* - Poway, CA May 2023
- National Highway Transportation Safety Administration (NHTSA) - *"Vehicle Fire Investigation Seminar - Battery & EV fires"* - Webinar April 2023
- Mercury Training - *"Water Loss Damage Investigations"* - Webinar April 2023
- National Highway Transportation Safety Administration (NHTSA) - *"Vehicle Fire Investigation Seminar- Fundamentals of Investigation Methodology"* - Webinar Feb 2023
- Mercury Insurance - *"Fire Investigation and Analysis of an Evolving Solar Power Industry"* - Webinar Feb 2023
- National Highway Transportation Safety Administration (NHTSA) - *"Vehicle Fire Investigation Seminar- Fundamentals of Investigation Methodology"* - Webinar Jan 2023
- Mercury Training - *"Spoliation & the Claims Adjuster"* - Webinar Dec 2022
- Wawanesa Training - *"Earth, Wind & Fire"* - Webinar April 2022
- Mercury Training- *"Anatomy of An Arson"* - Webinar Mar 2022
- Nationwide Training - *"Auto Arson & The Zombie Apocalypse"* - Webinar Sept 2021

- Central Net Training Facility Live Burn Demo & Training Workshop - “*Vehicle Fire Investigations..Don’t Get Burned & Fire*” & “*Explosions that Sizzle*” - Huntington Beach, CA Nov 2019
- Western States Auto Theft Investigators' (WSATI) Conference - “*Vehicle Arson Investigations – Don’t Get Burned*” - San Diego, CA Oct 2019
- SDIAA Training Day - “*What’s Burnin...Hash Browns or Hash Oil*” - San Diego, CA May 2018

Publications

- Continuing Education of the Bar, California. Scientific Evidence in California Criminal Cases, Origin & Cause of Fire. The Regents of the University of California, 2020. Co-author.
- Continuing Education of the Bar, California. Scientific Evidence in California Criminal Cases, Origin & Cause of Fire. Section 12, pp. 505 – 588. The Regents of the University of California, September 2011. Contributing editor.

Deposition and Trial Testimony

Trial Testimony

- Superior Court of California, County of Alameda, No RG17861027
Great American Insurance Company v. Mean Well Enterprises. March 4, 2019
Provided testimony on behalf of the defendants regarding Fire Origin and Cause investigation of power supply within mattress chiller/heater. March 19, 2019
- Superior Court of California, County of Alameda County Case Number RG12655606
Diana and Agustin Lopez v. AMCO Insurance, Inc. et al
Provided testimony on behalf of the Plaintiff regarding fire causation related to residential clothing dryer. July 7, 2015
- Superior Court of California, County of Alameda, Case No. RS14-734564
Brandon v. Brighton et al
Provided testimony on behalf of the Plaintiff regarding origin and cause of fire involving materials stored inside of a free-standing gas-fired cooking range. October 8, 2014
- Superior Court of California, County of San Francisco, Case No. CGC 13 533822
Shannon Deaton et al v. Carolyn Chandler et al
Provided testimony on behalf of the Defendants regarding origin and cause of fire involving a residential electric baseboard heater and proximity of combustible materials. October 2, 2014

Deposition Testimony

- Superior Court of California, County of Alameda, Case No. RG19023432

Anou Souvannavong, Siobhan Sullivan v. Dinh Cao, et al.
Provided testimony on behalf of plaintiff regarding gas appliance installation and maintenance requirements in relation to carbon monoxide production. May 10, 2021

- Nevada District Court, Clark County, Case No. A-17-761008-C
Stephanie Kloeppe et. al v. General Motors, LLC, et al.
Provided testimony on behalf of the defense regarding fire spread after a vehicular accident involving a transit bus. December 18, 2020
- Superior Court of California, County of Alameda, No RG17861027
Great American Insurance Company v. Mean Well Enterprises
Provided testimony on behalf of the defense regarding fire origin and cause investigation of consumer heating/cooling pad power supplies. March 4, 2019
- Superior Court of California, County of Amador, No 17-CV-10330
CSAA Insurance Exchange, Algonda Noia and Linda Coblentz as Trustee of the Noia Kirkwood Trust v. Kirkwood Meadows public utility district.
Provided testimony on behalf of plaintiffs regarding propane explosion characteristics. January 29, 2019
- Superior Court of California, County of San Joaquin, No. STK-UIC-2014-0008605
Argonaut Great Central Ins. Co. v. Prem Basuta, Kulwinder Basuta, et. Al
Provided testimony on behalf of the plaintiffs regarding natural gas ignition and explosion characteristics. October 18, 2018
- Superior Court of California, County of San Mateo, No. 171V02038
Jason Fong v. Donna Wood
Provided testimony on behalf of plaintiff involving origin and cause of fire related to free standing kitchen range. June 21, 2018 and July 19, 2019
- Superior Court of California, County of San Mateo, No. CIV533845
Aguirre v. Cypress Lawn Cemetery Association
Provided testimony on behalf of defense regarding fire and building code requirements at the time of fire versus time of construction. January 17, 2018
- Superior Court of California, County of San Francisco, Case No. CGC-14 – 537501
Chad Benjamin Potter, et al v. 1049 Market Street, LLC
Provided Fire Code Analysis testimony on behalf of the plaintiffs. December 8, 2017
- Superior Court of California, County of Sonoma, No. SCV-256907
Margrett Lewis v. Ecosmart, Inc, et al
Provided testimony on behalf of defense regarding fire spread issues including ejection of fuel from a denatured ethyl alcohol bottle, flame arrestors, and application of NFPA 921 to fire incident investigations. May 19, 2017
- Superior Court of Washington, County of Pierce, Case No. 15-2-10813-7
Jennifer S. St. Lorant v CHS, Inc
Provided testimony on behalf of the plaintiffs regarding explosion origin and cause investigation of a propane explosion and safe handling procedures of dispensing.

May 26, 2016

- Superior Court of California, County of San Francisco, No. CGC-15-543719
Carl Natvig v. Toy Real Estate Investment Co
Provided testimony on behalf of plaintiffs regarding fire origin and cause investigation and failure analysis of a wall furnace. January 28, 2016
- Superior Court of California, County of San Francisco, Case No. CGC-14 – 537501
Chad Benjamin Potter, et al v. 1049 Market Street, LLC
Provided Fire Code Analysis testimony on behalf of the plaintiffs. August 18, 2015
- Superior Court of California, County of Santa Cruz, Case No. CV179979
Allied Property and Casualty Insurance Company v. Jonathan Ilse; Daniel Ilse; Rose Zeitler
Provided origin and cause testimony on behalf of the plaintiffs. July 24, 2015
- District Court of McLennan County Texas, Cause No. 2013-2476-4
City of West, Texas v. West Fertilizer, et al
Provided testimony on behalf of the plaintiffs regarding building construction and applicable codes. March 25, 2015
- Superior Court of California, County of Monterey, Case No. M111747
Bush v. Pacific LPG, Corp, et al
Provided testimony regarding participation and observations during site inspection and testing. February 27, 2015
- Superior Court of California, County of San Francisco, Case No. CGC 13 533822
Shannon Deaton et al v. Carolyn Chandler et al
Provided testimony on behalf of the defendants regarding origin and cause of fire involving a residential electric baseboard heater and proximity of combustible materials.
- Superior Court of California, County of Alameda County Case Number RG12655606
Diana and Agustin Lopez v. AMCO Insurance, Inc. et al.
Provided testimony on behalf of the Plaintiff regarding fire causation related to residential clothing dryer.
- San Mateo Superior Court Case Number CIV 503763
CSAA/Claesson, Claes v. Rust Oleum Corporation, et al.
Provided testimony on behalf of the Plaintiff to competency of self-heating ignition source of floor coating product.
- Superior Court of the State of California in and for the County of Ventura
56-2011-00394984
Philadelphia Indemnity Insurance Company v. Pro Sports Floors, Inc.
Provided testimony on behalf of the Defendant to competency of self-heating ignition source of urethane product.
- *Leary v. Merrill Properties and Sandra Pugh* CIV 494462

john.white@fcfire.com

J White CV 08/2023

(C) 510.847.2503

935 Pardee St, Berkeley, CA 94710

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Provided testimony on behalf of the Plaintiff to candle burning properties including ignition, burning characteristics, and duration. Provided opinion regarding competency of candle ignition source.

- State of Texas Case No. 067-222686-07
Racquel Guadiana. Individually and as a representative of the Estate of Erik Robles, deceased vs Sandhill Properties, LLP
- State of Texas Case No. 348-229743-08 *Tonia Roberts, Individually and as Next Friend for Natasha Riekeman, a minor child vs. Flexible Foam Products, et. al.*